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Field Crop Varieties Recommended in South Dakota for 1984

Cooperative Extension South Dakota State University

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FS 524
Revised Annually

Field Crops

Varieties Recommended in South Dakota for 1984



Cooperative Extension Service
South Dakota State University
U.S. Department of Agriculture

Field Crop Varieties Recommended in South Dakota for 1984

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Crop adaptation areas (see map) are based on soil type, elevation, temperature, and rainfall. These factors largely determine the type of agriculture within each area.

Varieties are recommended on the basis of length of growing season, average rainfall, disease frequency, and farming practices. Crop production conditions in a given adaptation area because of location or operator management skills may closely resemble conditions in another area. Farmers should therefore regard this fact when considering these recommendations.

Varieties are listed alphabetically and not in order of preference. Those listed as "acceptable/promising" do not have enough supportive South Dakota research data to warrant recommendation. Varieties which yield well but have a weakness such as straw strength, quality, or disease resistance are also listed as acceptable.

Detailed information on varieties and yields is available from your county Extension agent.

Certified seed is your best source of seed, and the only way you can be assured of the actual identity of the variety you purchase.

WINTER WHEAT Recommended

Agate†	Statewide
Bennett†	A, B3, B4, C2, C3
Brule	B3, B4, C2, C3
Centurk 78†	B3, B4, C2, C3
Dawn	A, B3, B4, C2, C3
Rita	A, B3, B4, C2, C3
Rose	Statewide
Sage	A, B1, B3, B4, C2, C3
Scout 66	A, B1, B3, B4, C2, C3

Acceptable/Promising

Buckskin†	A, B3, B4, C2, C3
Gent	A, B3, B4, C2, C3
Lancer	B1, B2, C2, C3
Nell	A, B3, B4, C2, C3
Rocky	B3, B4, C2, C3
Roughrider	B1, B2, C1, D1, D2, D3

Winter wheat production in B1, B2, C1, D1, D2, and D3 entails somewhat more risk and affects variety selection.

SPRING WHEAT Recommended

Alex	Statewide
Angus†	B2, C1, D1, D2, D3
Butte	Statewide
Centa†	Statewide
Era	D1, D2, D3
Eureka†	Statewide
James†	Statewide
Len	Statewide
Marshall†	Statewide
Olaf	Statewide
Protor	C1+, D2

Acceptable/Promising

Guard†	Statewide
Lew	Sawfly problem area
Oslo†	Statewide
711†	Statewide
Wheaton†	Statewide

DURUM WHEAT Recommended

Crosby	All durum wheat areas
Edmore	All durum wheat areas
Rugby	All durum wheat areas
Vic	All durum wheat areas
Ward	All durum wheat areas

Acceptable/Promising

Lloyd	All durum wheat areas
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OATS

Recommended

Benson†	A, B1, B2, B3, B4 C1, C2, D2, D3
Burnett	A, B1, B2, B3, B4, C1, C2, C3
Lancer	Statewide
Lyon	B1, B2†, B3†, C1†, D1, D2, D3
Moore	Statewide
Ogle	B1, B2, B3, B4, C2, C3, D4
Wright†	B1, B2†, C1†, D1, D2, D3

Acceptable/Promising

Bates	B2*, B3, B4, C2, C3
Chief	D1, D2, D3, D4, E
Lang	B1, B2, B3, B4, C2, C3, D4
Nodaway 70	B1, B2*, B3, B4, C1*, C2, C3, D3, D4, E
Otee	C2, D3, D4, E
Porter†	B1, B2, B3

BARLEY

Recommended

Glenn	C1†, D1, D2, D3
Larker	A, B2, C1, D1, D2, D3, E
Morex	A, B2, C1, D1, D2, D3, E
Primus II	Statewide

(Glenn, Larker and Morex are approved for malting)

Acceptable/Promising

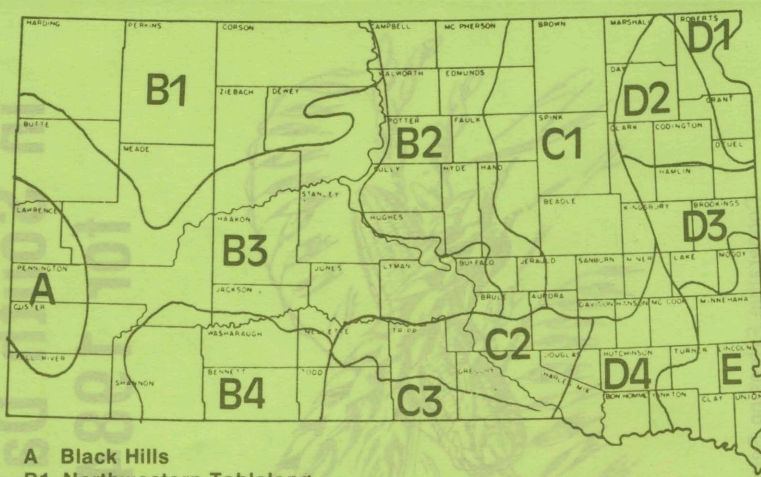
Bumper†	B1, B2, C1, D1, D2, D3
Robust	C1, D1, D2, D3

FLAX

Recommended

Clark	Flax areas
Culbert 79	Flax areas
Dufferin	Flax areas
Flor	Flax areas
Linott	Flax areas
Norlin	Flax areas
Wishek	Flax areas

CROP ADAPTATION AREAS



A Black Hills

B1 Northwestern Tableland

B2 North Central Glacial Upland

B3 Pierre Plain

B4 Southwestern Tableland

C1 Northern James Valley

C2 South Central Upland

C3 South Central Tableland

D1 Northeast Lowland

D2 Northern Prairie Coteau

D3 Central Prairie Coteau

D4 Southern James Flatland

E Southeast Prairie Upland

RYE

Cougar	Statewide
Puma	Statewide
Rymin	Statewide

LEGUMES

SOYBEANS

Recommended

Century±(II)	D4, E
Corsoy 79 (II)	C1, C2, D3, D4, E
Harcor (II)	C1, C2, D3, D4, E
Hardin±(I)	D1, D2, D3
Mead (III)	D4, E
Pella±(III)	D4*, E*
Swift (0)	C1, D1, D2, D3
Simpson±(0)	D1, D2, D3
Weber±(I)	C1, D1, D2, D3
Wells II± (II)	C1, D1, D3

Acceptable/Promising

Evans± (0)	D1, D2, D3
Hodgson 78± (I)	D1, D2, D3
Lakota± (I)	D1, D2, D3

0—III: Maturity groups.

0 group is earliest maturing; III is latest.

The varieties listed below have been successfully grown in South Dakota. There is not enough data available to classify them as to recommended or acceptable/promising.

ALFALFA (hay type)

Agate**	Statewide
Baker±	Statewide
Perry	Statewide
Vernal	Statewide
ALFALFA (pasture type)	
Travois	Statewide

Birds foot trefoil

Carroll	A, C1, D1, D2, D3, D4, E
Empire	A, C1, D1, D2, D3, D4, E

GRASSES (cool-season)

Crested wheatgrass

Fairway	Statewide
Nordan	Statewide

Intermediate wheatgrass

Oahe	Statewide
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Creeping foxtail (low, wet areas)

Garrison	Statewide
Retain±	Statewide

Reed canarygrass (low, wet areas)

Frontier	Statewide
Rise	Statewide
Vantage	Statewide

Russian wildrye

Vinal	Statewide
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Smooth brome

Lincoln	Statewide
Rebound±	Statewide

Tall wheatgrass (low, wet alkaline areas)

Alkar	Statewide
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GRASSES (warm-season)

Switchgrass

Summer	D3, D4, E
Nebraska 28	Statewide

MILLET

Foxtail

Manta	Statewide
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Proso

Corise	Statewide
Minco	Statewide
Minsum	Statewide
Snobird	Statewide

* Southern counties of this area

† Northern counties of this area

± Submitted for protection under the Plant Variety Protection Act. Sale of seed of these varieties by name is restricted to classes of certified seed.

** Resistant to Phytophthora root rot, a problem on poorly drained soils.

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